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PTO/SB/05 (12/97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

CUMM139--1

Total Pages

189

First Named Inventor or Application Identifier

Mennie et al.

Express Mail Label No.

EM580069754US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 114]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D Invention
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 53]
4. ☒ Oath or Declaration [Total Pages 3]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

Accompanying Application Parts

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 08/ 399,854

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ New correspondence address below

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

05/12/98
1c535 U.S. PTO

FEE TRANSMITTAL

Complete if Known

FEE TRANSMITTAL		Application Number	
		Filing Date	
		First Named Inventor Mennie et al.	
		Group Art Unit 2721	
		Examiner Name P. Tran	
TOTAL AMOUNT OF PAYMENT	(\$) 1,448.00	Attorney Docket Number	CUMM139--1/FRE

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **01-2508/CUMM139--1**

Deposit Account Name **Arnold, White & Durkee**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION (fees effective 10/01/96)

1. FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	790	201	395	Utility filing fee	<u>790.00</u>
106	330	206	165	Design filing fee	-----
107	540	207	270	Plant filing fee	-----
108	790	208	395	Reissue filing fee	-----
114	150	214	75	Provisional filing fee	-----
SUBTOTAL (1)					(\$) 790.00

2. CLAIMS

		Extra		Fee from below		Fee Paid
Total Claims <u>35</u> - 20 =		<u>15</u>	X	<u>22.00</u>	=	<u>330.00</u>
Independent <u>7</u> - 3 =		<u>4</u>	X	<u>82.00</u>	=	<u>328.00</u>
Claims						
Multiple Dependent Claims		-----	X	-----	=	-----
Large Entity		Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		
103	22	203	11	Claims in excess of 20		
102	82	202	41	Independent claims in excess of 3		
104	270	204	135	Multiple dependent claim		
109	82	209	41	Reissue independent claims over original patent		
110	22	210	11	Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)						(\$)
						658.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	-----
127	50	227	25	Surcharge - late provisional filing or cover sheet.	-----
139	130	139	130	Non-English specification	-----
147	2,520	147	2,520	For filing a request for reexamination	-----
112	920	112	920	Requesting publication of SIR prior to Examiner action	-----
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	-----
115	110	215	55	Extension for response within first month	-----
116	400	216	200	Extension for response within second month	-----
117	950	217	475	Extension for response within third month	-----
118	1,570	218	755	Extension for response within fourth month	-----
119	310	219	155	Notice of Appeal	-----
120	310	220	155	Filing a brief in support of an appeal	-----
121	270	221	135	Request for oral hearing	-----
138	1,510	138	1,510	Petition to institute a public use proceeding	-----
140	110	240	55	Petition to revive unavoidably abandoned application	-----
141	1,320	241	660	Petition to revive unintentionally abandoned application	-----
142	1,320	242	660	Utility issue fee (or reissue)	-----
143	450	243	225	Design issue fee	-----
144	670	244	335	Plant issue fee	-----
122	130	122	130	Petitions to the Commissioner	-----
123	50	123	50	Petitions related to provisional applications	-----
126	240	126	240	Submission of Information Disclosure Stmt	-----
581	40	581	40	Recording each patent assignment per property (times number of properties)	-----
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	-----
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	-----
Other fee (specify)				-----	-----
Other fee (specify)				-----	-----
SUBTOTAL (3)					(\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name		Roger J. French		Reg. Number		27,786	
Signature		<i>Roger J. French</i>		Date		Deposit Acct. User ID	
						01-2508/CUMM139--1	